

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE DO-A60	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 7 MAY 2001	4. REQUISITION/PURCHASE REQ. NO. 1039-5016+	5. PROJECT NO. (If applicable)	
6. ISSUED BY Contracting Officer, S. Wikle, Code 1162 ND , B. 108 NAVSURFWARCENDIV, 300 Highway 361 Crane, Indiana 47522-5001	CODE N00164	7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code)			(✓) X	9A. AMENDMENT OF SOLICITATION NO. N00164-01-R-0059
				9B. DATED (SEE ITEM 11) 12 APR 2001
				10A. MODIFICATION OF CONTRACT/ORDER NO.
				10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ X The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☒ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☐ is required to sign this document and return ____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

This amendment is being issued to make corrections to Section "B", modify Section "C" requirements, and to provide clarifications about the procurement. See pages 2 – 5 for details.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

1. Section "B", PRICES OF SUPPLIES, are hereby modified (See Attachment "1"). Changes are identified in **bold**.
2. Section "C", OEMC SPEC 00021, page 45 of 104, modify paragraph 3.1.3.3 as follows:

Change from:

The projectile, when fired from any weapon modified by the installation of the appropriate Simunition FX™ Marking Cartridge Adapter Kit, shall not fracture or break 0.060 thick lexan or the lens of a JT Spectra System™ Face Mask or Scott Extreme Stalker™ Face Mask, when temperature conditioned at 32⁰ +/- 5⁰ F, at a distance of 12 +/- 1 inches.

Change to:

The projectile, when fired from any weapon modified by the installation of the appropriate Simunition FX™ Marking Cartridge Adapter Kit, shall not fracture or break 0.060 thick lexan or the lens of a JT Spectra System™ Face Mask or Scott Extreme Stalker™ Face Mask, when temperature conditioned at **72⁰** +/- 5⁰ F, at a distance of 12 +/- 1 inches.

3. Section "C", OEMC SPEC 00021, page 46 of 104, modify paragraph 3.3.1 as follows:

Change from:

3.3.1 Projectile. The projectile shall be constructed of plastic material encasing a red, blue, green, yellow or orange-colored water -soluble liquid or paste type material capable of producing a mark upon impact. Shelf life of marking material applies to the material's ability to mark on impact, and has no bearing on the cartridge functional reliability. The marking material shall have a minimum shelf life of 18 months from the date of cartridge assembly, provided the cartridges are stored in an unopened, contractor sealed M548 ammunition shipping and storage container. The projectile shall weigh no more than 8.0 grains. The projectile diameter shall be a minimum of 0.297 and a maximum of 0.302 inches. Specific projectile weight and diameter shall be such that the cartridge meets the requirements of paragraphs 3.1.3 through 3.1.3.4 of this specification.

Change to:

3.3.1 Projectile. The projectile shall be constructed of plastic material encasing a red, blue, green, yellow or orange-colored water -soluble liquid or paste type material capable of producing a mark upon impact. Shelf life of marking material applies to the material's ability to mark on impact, and has no bearing on the cartridge functional reliability. The marking material shall have a minimum shelf life of 18 months from the date of cartridge assembly, provided the cartridges are stored in an unopened, contractor sealed M548 ammunition shipping and storage container. Specific projectile weight and diameter shall be such that the cartridge meets the requirements of paragraphs 3.1.3 through 3.1.3.4 of this specification.

4. Section "C", OEMC SPEC 00021, page 46 of 104, modify paragraph 3.3.2 as follows:

Change from:

Propellant. The Propellant used in the subcaliber 9mm marking cartridge shall be a double-base (nitrocellulose I nitroglycerin) composition with grains in flake configuration. Nominal charge weight shall be established by the manufacturer to meet performance requirements.

Change to:

Propellant. The Propellant used in the subcaliber 9mm marking cartridge shall be a double-base (nitrocellulose I nitroglycerin) composition with grains in flake configuration **or ball powder configuration**. Nominal charge weight shall be established by the manufacturer to meet performance requirements.

5. Section "C", OEMC SPEC 00021, page 48 of 104, modify paragraph 4.8 Table I as follows:

Change from:

**TABLE I:
SAMPLE SIZE AND PARAGRAPH REFERENCE
FOR REQUIRED CARTRIDGE TESTS**

Cartridge Test	Sample Size		Paragraph Reference	
	15° F to 19° F	65° F to 75° F F	100° F to 105° F Requirements	Test
Primer Seating Depth		200	3.4.1	4.8.1
Function and Casualty	480	640	480 3.4.2.1	4.8.2.1
Penetration - Face Mask		200	3.1.3.3, 3.4.2.2	4.8.2.2
Penetration - Silhouette		100	3.1.3.2, 3.4.2.2	4.8.2.2
Total per Temperature Range	480	1140	480	

Change to:

**TABLE I:
SAMPLE SIZE AND PARAGRAPH REFERENCE
FOR REQUIRED CARTRIDGE TESTS**

Cartridge Test	Sample Size		Paragraph Reference	
	15° F to 19° F	65° F to 75° F F	100° F to 105° F Requirements	Test
Primer Seating Depth		200	3.4.1	4.8.1
Function and Casualty	200	200	200 3.4.2.1	4.8.2.1
Penetration - Face Mask		200	3.1.3.3, 3.4.2.2	4.8.2.2
Penetration - Silhouette		100	3.1.3.2, 3.4.2.2	4.8.2.2
Total per Temperature Range	200	200	200	

6. Section "C", OEMC SPEC 00021, page 51 of 104, modify paragraph 10.3.5 Table III as follows:

Change from:

**TABLE III:
MAGAZINE ORDER/FIRING PATTERN**

Magazine Order	Firing Pattern
#1 (rounds 1 - 20)	Fire all single shots.
#2 (rounds 21 - 40)	Fire in 3 - 5 round bursts.
#3 (rounds 41 - 60)	Fire all single shots.
#4 (rounds 61 - 80)	Fire in 3 - 5 round bursts.
#5 (rounds 81 - 100)	Fire all single shots.
#6 (rounds 101 - 120)	Fire in 3 - 5 round bursts.
Magazines 7 and 8 will only be required at the +70° F +/- 5° F temperature	
#7 (rounds 121 - 140)	Fire in 3 - 5 round bursts.
#8 (rounds 121 - 140)	Fire in 3 - 5 round bursts.

Change to:

**TABLE III:
MAGAZINE ORDER/FIRING PATTERN**

Magazine Order	Firing Pattern
#1 (rounds 1 - 20)	Fire all single shots.
#2 (rounds 21 - 40)	Fire in 3 - 5 round bursts.
#3 (rounds 41 - 60)	Fire all single shots.
#4 (rounds 61 - 80)	Fire in 3 - 5 round bursts.
#5 (rounds 81 - 100)	Fire all single shots.
#6 (rounds 101 - 120)	Fire in 3 - 5 round bursts.
Magazines 7 and 8 will only be required at the +70° F +/- 5° F temperature	
#7 (rounds 121 - 140)	Fire in 3 - 5 round bursts.
#8 (rounds 141 - 160)	Fire in 3 - 5 round bursts.

7. Section "C", OEMC SPEC 00021, page 51 of 104, modify paragraph 10.3.6 as follows:

Change from:

Firing Sequence. The Function and Casualty Test shall be conducted by firing the 0° F to +5° F temperature conditioned cartridge samples first, the +100° F to +105° F conditioned cartridge samples second, and the +65° F to +75° F last. This firing order along with the procedures described in section 10.3.5, and Table III shall be repeated for each test weapon and temperature range.

Change to:

Firing Sequence. The Function and Casualty Test shall be conducted by firing the **+15° F to +19° F** temperature conditioned cartridge samples first, the +100° F to +105° F conditioned cartridge samples second, and the +65° F to +75° F last. This firing order along with the procedures described in section 10.3.5, and Table III shall be repeated for each test weapon and temperature range.

8. The following clarifications are being made:
 - a. NSP = "Not Separately Priced"
 - b. The maximum quantity shown at Lot I/CLIN 0008 is a total of 15,000,000. The Government anticipates procuring a total of 15,000,000 of one Other color.
 - c. The Government anticipates assigning the preliminary NSN for the Other color after contract award. The Other color is not known at this time.
 - d. The Government Furnished Material identified within the solicitation is all the GFM the Government plans on providing at this time.
 - e. The Government requires 3,800 cartridges to be packaged per can. The Government will attempt to adjust the quantity ordered to a multiple of full M548 cans.

ALL OTHER TERMS AND CONDITIONS OF THE SUBJECT SOLICITATION REMAIN THE SAME.